

# High School – ELA Goals

**Goal 1:** The percentage of students who will be at or above passing in **Regents ELA** will increase from:

87% at the end of 2008-09 to 93% at the end of 2009-10,  
as assessed by the NYS Regents ELA Exam.

**Goal 2:** The percentage of students who will be at or above mastery (85 or above) in **Regents ELA** will increase from:

34% at the end of 2008-09 to 39% at the end of 2009-10,  
as assessed by the NYS Regents ELA Exam.

**Skills to Improve:**

- Write Interpretive and Responsive Essays to compare treatment of Literacy Items
- Write Interpretive and Responsive Essays to examine.

# High School – Math Goals

## Integrated Algebra

**Goal 1:** The percentage of students who will be at or above mastery (85 or above) in **Integrated Algebra** will increase from:

**24.4%** at the end of **2008-09** to **40%** at the end of **2009-10**,  
as assessed by the NYS Integrated Algebra Exam.

### Skills to Improve:

- Analyze and Solve Verbal Problems that Involve Depreciation and Appreciation
- Rational Expressions
- Lines of Best Fit
- Finding the Area of Irregular Polygons

## Geometry

**Goal 1:** The percentage of students who will be at or above mastery (85 or above) in **Geometry** will increase from:

**23.5%** at the end of **2008-09** to **27%** at the end of **2009-10**,  
as assessed by the NYS Geometry Exam.

### Skills to Improve:

Greater emphasis will be placed on the following NY State Performance Indicators in an effort to close regional achievement gaps:

- **GG19** – Construct lines parallel (or perpendicular) to a given line through a given point, using a straightedge and compass, and justify the construction
- **GG65** – Find the equation of a line, given a point on the line and the equation of a line parallel to the desired line
- **GG29** – Identify corresponding parts of congruent triangles
- **GG50** – Investigate, justify, and apply theorems about tangent lines to a circle:
  - a perpendicular to the tangent at the point of tangency
  - two tangents to a circle from the same external point
  - common tangents of two non-intersecting or tangent circles
- **GG58** – Define, investigate, justify, and apply similarities (dilations and the composition of dilations and isometries)

# High School – Science Goals

## Living Environment

**Goal 1:** The percentage of students who will be at or above passing in **Living Environment** will increase from:

99% at the end of 2008-09 to 99% (maintain %) at the end of 2009-10, as assessed by the NYS L.E. Regents Exam.

**Goal 2:** The percentage of students who will be at or above mastery (85 or above) in **Living Environment** will increase from:

45.9% at the end of 2008-09 to 47% at the end of 2009-10, as assessed by the NYS L.E. Regents Exam.

### Content/Vocab to Improve:

- Dichotomous Key
- Characteristic
- Organism

- Wet mount
- Coverslip
- Slide
- Wicking
- Stain

- Dichotomous Key
- Classification
- Species

- Measurement
- Millimeters
- Centimeters
- Metric Rulers

- Reproduction
- Graph
- Conclusion
- Valid
- Species

- Cloning
- Chromosomes
- Genes
- Embryo
- Fertilization
- Differentiation
- Meiosis

### Skills to Improve:

- Classification
- Organizing Data

- Preparing a wet mount
- Wicking
- Removing air bubbles

- Classifying
- Organizing Data
- Writing Statements for keys

- Measuring

- Graph reading
- Making conclusions
- Data Interpretation

- Diagram interpretation

**See Data Deconstruction for More Information**

# High School – Science Goals (cont.)

## Chemistry

**Goal 1:** The percentage of students who will be at or above passing in **Chemistry** will increase From:

86.93% at the end of 2008-09 to 88% at the end of 2009-10,  
as assessed by the NYS Regents Chemistry Exam.

**Goal 2:** The percentage of students who will be at or above mastery (85 or above) in **Chemistry** will increase from:

20.9% at the end of 2008-09 to 22% at the end of 2009-10  
as assessed by the NYS Regents Chemistry Exam.

### Skills to Improve:

- Atomic concepts (PI 3.1)
- Chemical Bonding (PI 5.2)
- Physical States of Matter (PI 3.1)
- Reading and interpreting questions

**See Data Deconstruction for More Information**

## Earth Science

**Goal 1:** The percentage of students who will be at or above passing in **Earth Science** will increase from:

93.7% at the end of 2008-09 to 95% at the end of 2009-10,  
as assessed by the NYS Regents Earth Science Exam.

**Goal 2:** The percentage of students who will be at or above mastery (85 or above) in **Earth Science** will increase from:

40.1% at the end of 2008-09 to 43% at the end of 2009-10  
as assessed by the NYS Regents Earth Science Exam.

### Skills to Improve:

- K.I.2/2.1f/Sequence of cloud formation; list and describe process of condensation.
- K.I.2/2.1h/Identify geographic source regions; describe characteristics of air masses based on source regions.

## High School – Science Goals (cont.)

### Physics

**Goal 1:** The percentage of students who will be at or above passing in **Physics** will increase from:

84% at the end of 2008-09 to 86% at the end of 2009-10,  
as assessed by the NYS Regents Physics Exam.

**Goal 2:** The percentage of students who will be at or above mastery (85 or above) in **Physics** will increase from:

41% at the end of 2008-09 to 43% at the end of 2009-10,  
as assessed by the NYS Regents Physics Exam.

#### **Skills to Improve:**

1. Ideal mechanical systems in relation to kinetic and potential energy totals.
2. Meaning of inversely proportional and use of formulas without numbers.
3. Interpreting schematic diagrams.

**See Data Deconstruction for More Information**

# High School – Social Studies Goals

## Global History

**Goal 1:** The percentage of students who will be at or above mastery (85 or above) in **Global History** will increase from:

**31.4%** at the end of **2008-09** to **40%** at the end of **2009-10**,  
as assessed by the NYS Regents Global History and Geography Exam.

**Skills to Improve:**

- Interpretation of Visuals/Graphics
- Essay Writing Skills

## US History and Government

**Goal 2:** The percentage of students who will be at or above mastery (85 or above) in **U.S. History and Government** will increase from:

**48.4%** at the end of **2008-09** to **70%** at the end of **2009-10**,  
as assessed by the NYS U.S. History and Government Regents Exam.

**Skills to Improve:**

- Visual/Graphic Interpretation
- Vocabulary Development
- Essay Writing Skills